

group consisting of H, cyclic aralkyl, and C₁₋₆ alkyl; R₁ is a tyrosyl residue or a 2',6'-dimethyltyrosyl residue; R₂ is an amino acid having the R-configuration, aminoisobutyric acid, cyclopropylalanine, cyclohomoleucine or cycloleucine; R₃ is an aromatic amino acid; R₄ is an aromatic amino acid residue; Q is an amide bond or an interposed amide bond mimetic; with the following provisos: a) when R₁ is a tyrosyl residue; R₂ is D-alanine; X, Y, and Z are H; and R₃ is phenylalanine; then R₄ is not unsubstituted phenylalanine or phenylalanine substituted with 4NO₂ or 4N₃; b) when R₁ is a tyrosyl residue; R₂ is D-alanine; X, Y, and Z are H; and R₄ is phenylalanine; then R₃ is not unsubstituted phenylalanine or phenylalanine substituted with 4NO₂; c) when R₁ is a tyrosyl residue; R₂ is D-alanine; X, Y, and Z are H; and R₄ is 1'-naphthylalanine; then R₃ is not 1'-naphthylalanine or 2'-naphthylalanine; d) when R₁ is a tyrosyl residue; R₂ is D-alanine; and X, Y and Z are H; then R₃ and R₄ are not tryptophan; e) when R₁ is a tyrosyl residue; R₂ is a D-amino acid with a lower alkyl or lower thioalkyl group as a side chain; and R₄ is a neutral amino acid; then R₃ is not unsubstituted phenylalanine; and wherein said compound is not selected from the group consisting of:

H-Tyr-D-Phe-Phe-Phe-NH₂; H-Tyr-D-NMePhe-Phe-Phe-NH₂; H-Tyr-D-Tic-Phe-Phe-NH₂; H-Tyr-Pro-Phe-Thr(Bzl)-NH₂ (SEQ ID NO:2); H-Tyr-Pro-Phe-Phe-NH₂ (SEQ ID NO:1); H-Tyr-Pro-Phe-Apb-NH₂; H-Tyr-Pro-Phe-App-NH₂; H-Tyr-Pro-Phe-Aph-NH₂; and H-Tyr-Pro-Apb-Phe-NH₂; wherein Apb is 2-amino-4-phenylbutanoic acid. App is 2-amino-5-phenyl pentanoic acid and Aph is 2-amino-6-phenylhexanoic acid.

On page 9 of the English translation of the specification, please amend the last paragraph which ends in page 11 to read as follows:

Specific, individual, preferred compounds of this invention are as follows:

H-Tyr-D-Ala-Phe-2'-Nal-NH₂

H-Tyr-D-Ala-D-Phe-Phe-NH₂;
H-Tyr-D-Ala-Phe(4NO₂)-Phe(4NO₂)-NH₂;
H-Tyr-D-Ala-Phe-Tic-NH₂;
H-Tyr-D-Ala-Phe-Phe(NMe)-NH₂;
H-Tyr-D-Ala-Phe-1'-Nal-NH₂;
H-Tyr-D-Ala-Trp-Phe-NH₂;
H-Tyr-D-Ala-Phe-Trp-NH₂;
H-Tyr- ∇ Ala-Phe-Phe-NH₂; (SEQ ID NO:3)
 ∇ CH₂-Tyr-D-Ala-Phe-Phe-NH₂;
H-Tyr-D-Nle-Phe-Trp-NH₂;
H-Tyr-D-Nle-Phe-2'-Nal-NH₂;
H-Tyr-D-Nle-Trp-Phe-NH₂;
H-Tyr-D-Ala-Trp-2'-Nal-NH₂;
H-Tyr-D-Nle-Trp-2'-Nal-NH₂;
H-Tyr-D-Nle-Trp-Trp-NH₂;
H-Tyr-D-Nva-Phe-Phe-NH₂;
H-Tyr-D-Ser-Phe-Phe-NH₂;
H-Tyr-D-Val-Phe-Phe-NH₂;
H-Tyr-D-Leu-Phe-Phe-NH₂;
H-Tyr-D-Ile-Phe-Phe-NH₂;
H-Tyr-D-Abu-Phe-Phe-NH₂;
H-Tyr-Chl-Phe-Phe-NH₂;
H-Tyr-Cle-Phe-Phe-NH₂;
H-Tyr-D-Arg-Phe-Phe-NH₂;
H-Tyr-D-Cys-Phe-Phe-NH₂;
H-Tyr-D-Thr-Phe-Phe-NH₂;
H-DMT-D-Ser-Phe-Phe-NH₂;
H-Tyr-D-Ala-Phe-Phe-OH trifluoroacetate;
H-Tyr-D-Ala-Phe-Phg-NH₂ trifluoroacetic acid salt;

H-D-DMT-D-Ala-Phe-Phe-NH₂ trifluoroacetic acid salt;

H-Tyr-D-Ala-Phe-Hph-NH₂ trifluoroacetic acid salt;
H-Tyr-D-Ala-Phe-Cys(Bzl)-NH₂ trifluoroacetic acid salt;
H-Tyr-D-Arg-Hph-Phe-NH₂ bis-trifluoroacetic acid salt;
H-Tyr-D-Arg-Phg-Phe-NH₂ bis-trifluoro acetic acid salt;
H-Tyr-D-Ala-Phe-Phe-CH₂OH hydrochloride salt;
H-Tyr-D-Ala-Hph-Phe-NH₂ trifluoroacetic acid salt;
H-Tyr-D-Met-Phe-Phe-NH₂ trifluoroacetic acid salt;
H-Tyr-D-Arg-Phe-D-Phe-NH₂ bis-trifluoroacetic acid salt;
H-Tyr-D-Ala-Phg-Phe-NH₂ trifluoroacetic acid salt;
H-Tyr-(D)-Ala-(D)-Phg-Phe-NH₂ trifluoroacetic acid salt;
H-Tyr-D-Arg-Phe-Phe(pF)-NH₂ bis-trifluoroacetic acid salt;
H-Tyr-D-Arg-Phe-D-Phe(pF)-NH₂ ditrifluoroacetic acid salt;
H-Tyr-D-Ala-Phe-Phe(pF)-NH₂ trifluoroacetic acid salt; and
H-Tyr-D-Ala-Phe-D-Phe(pF)-NH₂ trifluoroacetic acid salt.

On page 19 of the English translation of the specification, please amend Table 1 to read as follows:

Table 1

H#	Sequence	K _i ^μ [nM]	K _i ^δ /K _i ^μ	GPI(IC ₅₀) [nM]	ED ₅₀ (PBQ) mg/kg (20min)	Hot Plate mg/kg
74	H-Tyr-D-Ala-Phe-Phe-NH ₂	1.53	409	3	1.4	>100
75	H-Tyr-D-Phe-Phe-Phe-NH ₂	3.63	37.7	247	>20	
76	H-Tyr-Aib-Phe-Phe-NH ₂			73	>20	
77	H-Tyr-D-Nle-Phe-Phe-NH ₂	0.968	373	15	2.5 (5 min.)	
78	H-Tyr-Pro-Phe-Phe-NH ₂ (SEQ ID NO:1)	4.10	182	15	>20	
79	H-Tyr-D-Ala-Phe-2'-Nal-NH ₂	0.655	119	2	1.1 (5 min.)	
80	H-Tyr-D-Ala-2'-Nal-1'-Nal-NH ₂	5.61	102	-	>20	
81	H-Tyr-D-Ala-D-Phe-Phe-NH ₂	26.0	82.7	925		
82	H-Tyr-D-Ala-Phe-Phe-Phe-NH ₂	0.509	129	8	4	
83	H-Tyr-D-Ala-Phe(4-NO ₂)-Phe(4-NO ₂)-NH ₂	0.826	570	6	>20	
84	H-Tyr-D-Ala-Phe(4-NO ₂)-Phe(4-NO ₂)-NH ₂	1.49	107	50		
85	H-Tyr-D-Ala-Phe(4-N ₃)-NH ₂	56.8	24.3	77		
86	H-Tyr-D-Ala-Phe(4-NO ₂)-Phe-NH ₂	12.7	279	-		
87	H-Tyr-D-Ala-Phe-Tie-NH ₂	22.6	215	241		
88	H-Tyr-D-Ala-Phe-Phe(NMe)-NH ₂	0.981	174	2	>20	

1) page 20 of the English translation of the specification, please amend continuation of Table 1 to read as follows:

BC#	Sequence	K ^μ [nM]	K _{iδ} /K ^μ [nM]	GPI(IC ₅₀) [nM]	ED ₅₀ (PBQ) m/k (20min)	Hot Plate M/k
1783	H-Tyr-D-Ala-I-Nal-T-Nal-NH ₂	2.88	410	-	>20	
1784	H-Tyr-D-Ala-Irp-Phe-NH ₂	3.57	238	20	>20	
1785	H-Tyr-D-Ala-Phe-Irp-NH ₂	2.21	214	16	>20	
1786	H-Tyr-D-Ala-Irp-Irp-NH ₂	0.833	783	10		
1787	H-Tyr-V-Ala-Phe-Phe-NH ₂ (SEQ ID NO:3)			10		
2202	VCH ₂ Tyr-D-Ala-Phe-Phe-NH ₂			>10		
2208	H-Tyr-D-Nle-Phe-Irp-NH ₂			>3		
2211	H-Tyr-D-Nle-Phe-2'-Nal-NH ₂			>10		
2212	H-Tyr-D-Nle-Irp-Phe-NH ₂			>10		
2213	H-Tyr-D-Ala-Irp-2'-Nal-NH ₂			>5		
2214	H-Tyr-D-Nle-Irp-2'-Nal-NH ₂			15		
2217	H-Tyr-D-Nle-Irp-Irp-NH ₂			>5		
2462	H-Tyr-D-Nva-Phe-Phe-NH ₂			2.7	>100	
2463	H-Tyr-D-Ser-Phe-Phe-NH ₂	2.2		13	0.5	>100
2464	H-Tyr-D-Val-Phe-Phe-NH ₂			>10		
2465	H-Tyr-D-Ieu-Phe-Phe-NH ₂			>10		